Environmental Science – Resources: Land and Soil Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Movie: Amazonia: The Forest – A Global Challenge

Answer the Folloiwng questions – they are in order

1. What are two reasons for burning forests?
2. In 1993, how many fires were counted on one night in the Amazon Basin?
3. Note the percentage of forest that has disappeared in North America. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ In Europe \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. What percent has been cut/burned in the Amazon Rainforest? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (1991 data – 17 years ago!)
4. Why should we (non-Brazilians) be concerned?
5. What is the greenhouse gas that is a product of burning?
6. How does photosynthesis counteract the greenhouse effect?
7. What resources does Amazonia hold that Brazil sells to produce income?
8. How much does Brazil owe expressed per day? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (from 1997)
9. Why should the Brazilian government care what other countries think?
10. How will Brazil be affected by environmental change?
11. Development is “unstoppable” according to Professor David McGrath. He says that to preserve the forest as it is won’t do. What does he say is the future?
    1. P… b. Q… C. L…
12. How can you change logging so that it is “sustainable?”
13. What makes this not work?
14. Why is beef production impractical?
15. What additional activites does the Rubber Tapper do to raise his income?
16. Does it matter (to diversity) if 90% of the rainforest is left untouched?
17. How does deforestation affect the native peoples of the Amazon?

Switch to the second movie - Struggling to Survive: Tropical Rainforests

1. List five products made in the rainforest that you use often.
2. How does rainforest destruction affect everyone on Earth?
3. How might use/conservation be balanced?
4. What can anyone (everyone) do to save rainforests?